

AUTHOR INDEX TO VOLUME 6

- Abis, S., R. Caciuffo and R. Coppola, Neutron diffraction study of deformation textures in 7012 aluminium alloy extruded bars 6 (1988) 423
- Adachi, S., see K. Kugimiya 6 (1988) 277
- Ainslie, B.J., S.P. Craig, S.T. Davey and B. Wakefield, The fabrication, assessment and optical properties of high-concentration Nd^{3+} - and Er^{3+} -doped silica-based fibres 6 (1988) 139
- Akhtar, S., P.P. De and S.K. De, SEM studies of the tensile fracture surfaces of thermoplastic elastomers from blends of LDPE and natural rubber 6 (1988) 186
- Akiyoshi, K., see K. Yamakawa 6 (1988) 362
- Angers, R., see C. Gelinas 6 (1988) 359
- Ardell, A.J., see M.S. Mostafa 6 (1987) 67
- Asada, M., see A. Osaka 6 (1988) 347
- Asthana, A., see L.M. Falter 6 (1988) 438
- Baer, D.R., see T.R. Jervis 6 (1988) 225
- Barakat, F.K., see A.E. Rakhshani 6 (1987) 37
- Basu, S., see U.N. Roy 6 (1988) 238
- Beghi, M.G., C.E. Bottani, G. Caglioti and A. Lenti, Energy balance via thermal emission in copper under stress 6 (1988) 133
- Benson Jr., R.B., S.P. Withrow and S.J. Pennycook, Formation of an Al_6Mn precipitate in aluminum annealed after implantation with 3.5 atomic percent manganese 6 (1988) 93
- Bernal, S., F.J. Botana, R. Garcia and J.M. Rodriguez-Izquierdo, The influence of the structural nature of samaria on its behaviour against atmospheric CO_2 and H_2O 6 (1987) 71
- Bernas, H., see M.G. le Boité 6 (1988) 173
- Bertolotti, M., see A. Jaskow 6 (1987) 82
- Bhalla, A., see S.K. Kurtz 6 (1988) 317
- Bhalla, A.S., see M. Fukuhara 6 (1988) 398
- Boatner, L.A., see J.C. McCallum 6 (1988) 374
- Botana, F.J., see S. Bernal 6 (1987) 71
- Bottani, C.E., see M.G. Beghi 6 (1988) 133
- Bryan, R.P., see G.E. Fernández 6 (1988) 409
- Burns, S.J., see A. Goyal 6 (1988) 257
- Burrows, H.D., The luminescence of lead(II) decanoate 6 (1988) 191
- Caciuffo, R., see S. Abis 6 (1988) 423
- Cadieu, F.J., see H.H. Stadelmaier 6 (1987) 80
- Caglioti, G., see M.G. Beghi 6 (1988) 133
- Cao, W.W., see S.K. Kurtz 6 (1988) 317
- Capone II, D.W., see D. Shi 6 (1988) 217
- Capper, P., P.A.C. Whiffin, B.C. Easton, C.D. Maxey and I. Kenworthy, Group V acceptor doping of $\text{Cd}_x\text{Hg}_{1-x}\text{Te}$ layers grown by metal-organic vapour phase epitaxy 6 (1988) 365
- Carcia, P.F., see S.I. Shah 6 (1987) 49

Chang, E.K., D.J.L. Hong, A. Mehta and D.M. Smyth, Equilibrium conductivity of $\text{YBa}_2\text{Cu}_3\text{O}_x$	6 (1988) 251
Chang, G.C.S., see A. Goyal	6 (1988) 257
Chaplanov, V.A., see A.E. Rzhhanov	6 (1988) 170
Chen, L.Y., see Y.C. Lu	6 (1988) 229
Chen, Q.-M., Y.-D. Fan and H.-D. Li, Amorphization of binary alloys by magnetron cosputtering	6 (1988) 311
Chen, T., see J. Huang	6 (1988) 222
Chen, T., see J. Zhang	6 (1988) 379
Chevrier, J., see M.G. le Boité	6 (1988) 173
Chin, A.K., see M.E. Twigg	6 (1987) 5
Chou, Y.T., see X.R. Qian	6 (1988) 157
Christodoulou, C.N., J.R. Schlup and G.C. Hadjipanayis, Low-temperature thermal oxidation of Fe-Nd-B powders	6 (1988) 287
Christou, A., see W. Tseng	6 (1988) 281
Chu, S.N.G., see M.E. Twigg	6 (1987) 5
Coleman, J.J., see G.E. Fernández	6 (1988) 409
Coppola, R., see S. Abis	6 (1988) 423
Corbett, J.W., see P.W. Wang	6 (1987) 1
Corma, A., see A. Mifsud	6 (1988) 436
Craig, S.P., see B.J. Ainslie	6 (1988) 139
Cross, L.E., see R.R. Neurgaonkar	6 (1988) 152
Cross, L.E., see S.K. Kurtz	6 (1988) 317
Cross, L.E., see M. Fukuhara	6 (1988) 398
Danesh, P. and B. Pantchev, Micropore density in a-Si:H and a-Si:H:Cl films	6 (1987) 89
Darchuk, S.D., see S.V. Plyatsko	6 (1988) 116
Davey, S.T., see B.J. Ainslie	6 (1988) 139
Davis, J.H., see B.E. Powell	6 (1988) 356
Dawar, A.L., see C. Jagadish	6 (1988) 149
De, P.P., see S. Akhtar	6 (1988) 186
De, S.K., see S. Akhtar	6 (1988) 186
De, U., J. Janaki, C.V.N. Rao, V.S. Raghunathan and T.S. Radhakrishnan, Cation composition variation observed in $\text{Y}_1\text{Ba}_2\text{Cu}_3\text{O}_{7-z}$	6 (1988) 331
DebRoy, T., see P. Sahoo	6 (1988) 406
Din, S. and M. Suleman, Slip systems in silicon carbide 15R	6 (1988) 129
Doi, H., see M. Kohzaki	6 (1987) 64
Easton, B.C., see P. Capper	6 (1988) 365
Evetts, J.E., see R.J. Highmore	6 (1988) 401
Falter, L.M., P.D. Han, A. Asthana and D.A. Payne, Thermal processing of ceramic superconductors in the system Bi-Ca-Sr-Cu-O	6 (1988) 438
Fan, Y.-D., see Q.-M. Chen	6 (1988) 311
Fartash, A., see M.G. Smith	6 (1988) 208
Fatemi, M., see W. Tseng	6 (1988) 281
Feng, J., see S. Wen	6 (1988) 385

- Fernández, G.E., R.P. Bryan, P.K. York and J.J. Coleman, Indium transients in the growth of InGaAs by metal-organic chemical vapor deposition 6 (1988) 409
- Ferrari, A., see A. Jaskow 6 (1987) 82
- Filippov, V.I., see A.E. Rzhannov 6 (1988) 170
- Fletcher, J.P. and S.H. Risbud, Preparation of oxyfluoronitride glasses from fluorophosphate-AlN melts 6 (1988) 145
- Formaro, L., Rate law of growth of γ -FeOOH layers from solutions 6 (1988) 290
- Formaro, L., Magnetically induced variations in the morphology of Fe_3O_4 particles precipitated from solutions 6 (1988) 295
- Frydrych, D.J., see T.R. Jervis 6 (1988) 225
- Fujimura, N., see T. Ito 6 (1987) 41
- Fukuhara, M., A.S. Bhalla, R.E. Newnham, L.E. Cross and R. Roy, Superconductors in $\text{BiO-CuO-(Sr}_{0.5}\text{, Ca}_{0.5}\text{)O}$ system 6 (1988) 398
- Fulton, J.L., see D.W. Matson 6 (1987) 31
- Funkenbusch, P.D., see A. Goyal 6 (1988) 257
- Fuyu, Y. and J.M. Parker, Quantum size effects in heat treated, Cd(S, Se) doped glasses 6 (1988) 233
- Gangadharan, K., see I.K. Gopalakrishnan 6 (1988) 274
- García, I., see A. Mifsud 6 (1988) 436
- Garcia, R., see S. Bernal 6 (1987) 71
- Gelinas, C., R. Angers and S. Pelletier, Production of metal powder from rapidly solidified ductile ribbons 6 (1988) 359
- Gesheva, K.A., see E.S. Vlahov 6 (1987) 58
- Glaeser, A.M., see J. Rödel 6 (1988) 351
- Gopalakrishnan, I.K., K. Gangadharan, P.V.P.S.S. Sastry, P.V. Ravindran, J.V. Yakhmi, G.M. Phatak and R.M. Iyer, On the synthesis of high-temperature superconducting compounds in the Bi-Sr-Ca-Cu-O system 6 (1988) 274
- Goretta, K.C., see D. Shi 6 (1988) 217
- Goudey, G.T., see D. Shi 6 (1988) 217
- Goyal, A., P.D. Funkenbusch, G.C.S. Chang and S.J. Burns, Cermets of the $\text{Y}_1\text{Ba}_2\text{Cu}_3\text{O}_{7-\delta}$ superconductors 6 (1988) 257
- Greer, A.L., see R.J. Highmore 6 (1988) 401
- Hadjipanayis, G.C., see C.N. Christodoulou 6 (1988) 287
- Hahn, H., see Z. Li 6 (1988) 195
- Hahn, H., see Z. Li 6 (1988) 342
- Han, P.D., see L.M. Falter 6 (1988) 438
- Harbert, S.J. and A. Wolfenden, Slip band development in a localized region of inhomogeneous deformation 6 (1987) 62
- He, A.Q., X.P. Jiang, N.P. Zhu, H.B. Qi, H.F. Yu and Z.J. Yang, The phase distribution in high- T_c superconductors 6 (1988) 96
- Hernandez, L., see O. Vigil 6 (1987) 85
- Higgins, B.E., see H. Oesterreicher 6 (1988) 254
- Highmore, R.J., A.L. Greer, J.A. Leake and J.E. Evetts, A transient nucleation model for solid state amorphisation 6 (1988) 401
- Holmgren, J.S., see A.D. Irwin 6 (1987) 25
- Hong, D.J.L., see E.K. Chang 6 (1988) 251

- Huang, J., T. Li, X. Xie, J. Zhang, T. Chen and T. Wu, A method to obtain superconducting $Y_1Ba_2Cu_3O_{7-y}$ bulk material with strong *c*-axis orientation 6 (1988) 222
- Hull, G.W., see E.M. Vogel 6 (1988) 269
- Inoue, H., see K. Yamakawa 6 (1988) 362
- Inoue, O., see K. Kugimiya 6 (1988) 277
- Irwin, A.D., J.S. Holmgren and J. Jonas, Solid-state ^{29}Si NMR study of polycondensation during heat treatment of sol-gel-derived silicas 6 (1987) 25
- Ito, T., N. Fujimura, N. Nishida, T. Kanemura and Y. Nakayama, Structural characterization of Cu-Cr films 6 (1987) 41
- Iyer, K.J.L., The influence of ultrasonic vibrations on the austenite to martensite transformation in 304L stainless steel 6 (1988) 413
- Iyer, K.J.L., see V. Jagasivamani 6 (1988) 418
- Iyer, R.M., see I.K. Gopalakrishnan 6 (1988) 274
- Jagadish, C., A.L. Dawar, S. Sharma, P.K. Shishodia, K.N. Tripathi and P.C. Mathur, Effect of hydrogen annealing on electrical and optical properties of SnO_2 thin films 6 (1988) 149
- Jagasivamani, V. and K.J.L. Iyer, Electromagnetic emission during the fracture of heat-treated spring steel 6 (1988) 418
- Janaki, J., see K. Swaminathan 6 (1988) 261
- Janaki, J., see K. Swaminathan 6 (1988) 265
- Janaki, J., see U. De 6 (1988) 331
- Janot, C., see M.G. le Boité 6 (1988) 173
- Jaskow, A., V.T. Procopenco, M. Bertolotti and A. Ferrari, On the refractive index changes produced by heat treatment of thin ZnO films 6 (1987) 82
- Jensen, K.F., see D.W. Kisker 6 (1988) 123
- Jervis, T.R., D.J. Frydrych and D.R. Baer, Effect of excimer laser melting on the near surface chemistry and corrosion properties of AISI 304 stainless steel 6 (1988) 225
- Jiang, X.P., see A.Q. He 6 (1988) 96
- Jin, C., see Y.C. Lu 6 (1988) 229
- Jonas, J., see A.D. Irwin 6 (1987) 25
- Jones, H., The critical concentration for formation of segregation-free solid by solute trapping during rapid solidification from the melt 6 (1988) 181
- Joy, D.C., see M.E. Twigg 6 (1987) 5
- Kamigaito, O., see M. Kohzaki 6 (1987) 64
- Kanemura, T., see T. Ito 6 (1987) 41
- Kao, M., Synthesis of Y-Ba-Cu-O superconductors from Y_2O_3 , BaO_2 , and Cu_2O : the optional oxygen treatment 6 (1987) 53
- Karioris, F.G. and E.R. Vance, Effect of aqueous media on structure of $YBa_2Cu_3O_{7-x}$ 6 (1987) 16
- Kawasaki, H., see H. Yoshimatsu 6 (1987) 22
- Kawashima, M., see A. Yamada 6 (1988) 167
- Kawashima, S., see K. Kugimiya 6 (1988) 277
- Kenworthy, I., see P. Capper 6 (1988) 365
- Kingsley, J.J. and K.C. Patil, A novel combustion process for the synthesis of fine particle α -alumina and related oxide materials 6 (1988) 427
- Kisker, D.W., D.R. McKenna and K.F. Jensen, Limitations to the OMVPE growth of Hg compounds due to hydrodynamic effects 6 (1988) 123

Knight, D., see S.K. Kurtz	6 (1988) 317
Kohzaki, M., S. Noda, H. Doi and O. Kamigaito, Friction and wear of Nb metal-deposited SiC and the effects of high-energy ion irradiation	6 (1987) 64
Kolawa, E., see C.W. Nieh	6 (1988) 177
Kostic, P., see J.-H. Park	6 (1988) 327
Kostic, P., see J.-H. Park	6 (1988) 393
Kovachev, V.T., see E.S. Vlachov	6 (1987) 58
Kugimiya, K., S. Kawashima, O. Inoue and S. Adachi, <i>c</i> -plane oriented Bi-oxide superconductor	6 (1988) 277
Kurtz, S.K., L.E. Cross, N. Setter, D. Knight, A. Bhalla, W.W. Cao and W.N. Lawless, Ferroelectricity in the $\text{ReBa}_2\text{Cu}_3\text{O}_{7-\delta}$ superconductors	6 (1988) 317
Lahaye, M., see J. Liu	6 (1988) 303
Lawless, W.N., see S.K. Kurtz	6 (1988) 317
Leake, J.A., see R.J. Highmore	6 (1988) 401
Le Boité, M.G., A. Traverse, H. Bernas, C. Janot and J. Chevrier, Study of ion beam mixed multilayers via neutron scattering	6 (1988) 173
Leccabue, F., see O. Vigil	6 (1987) 85
Leccabue, F., see J. Vidal	6 (1988) 306
Lenti, A., see M.G. Beghi	6 (1988) 133
Li, H.-D., see Q.-M. Chen	6 (1988) 311
Li, L., see J. Zhou	6 (1988) 247
Li, T., see J. Huang	6 (1988) 222
Li, Z., S. Ramasamy, H. Hahn and R.W. Siegel, Fractographic study of sintered nanophase TiO_2	6 (1988) 195
Li, Z., H. Hahn and R.W. Siegel, New phases of erbium oxides	6 (1988) 342
Liao, K.J., see W.L. Wang	6 (1987) 45
Lin, T.L., see Y.C. Lu	6 (1988) 229
Liu, J., M. Lahaye, J. Portier and B. Tanguy, Electrochemical incorporation of copper into a Ag^+ ionic conducting glass	6 (1988) 303
Liu, M., see J. Zhou	6 (1988) 247
Liu, N.C., see H.H. Stadelmaier	6 (1987) 80
Lu, B., see J. Zhou	6 (1988) 247
Lu, Y.C., C. Jin, T.L. Lin, L.Y. Chen and B.R. Su, Microstructure and properties of epitaxial layers by laser glazing	6 (1988) 229
Lynn, K.G., see S.G. Usmar	6 (1988) 242
Macrander, A.T., see M.E. Twigg	6 (1987) 5
Maher, D.M., see M.E. Twigg	6 (1987) 5
Masumoto, K., see K. Mochizuki	6 (1988) 119
Mathur, P.C., see C. Jagadish	6 (1988) 149
Matson, D.W., J.L. Fulton and R.D. Smith, Formation of fine particles in supercritical fluid micelle systems	6 (1987) 31
Mattocks, P., see N.-L. Wu	6 (1988) 211
Maxey, C.D., see P. Capper	6 (1988) 365
McCallum, J.C., C.W. White and L.A. Boatner, Ion implantation and thermal annealing of single crystals of the type $\text{YBa}_2\text{Cu}_3\text{O}_x$	6 (1988) 374

McKenna, D.R., see D.W. Kisker	6 (1988) 123
Mehta, A., see E.K. Chang	6 (1988) 251
Mifsud, A., A. Corma and I. García, Preparation of thermally stable sepiolite derivatives	6 (1988) 436
Mitchell, T.E., see T. Roy	6 (1988) 336
Miura, Y., see A. Osaka	6 (1988) 347
Miyazaki, K., see K. Mochizuki	6 (1988) 119
Mo, P., see J. Wu	6 (1988) 161
Mochizuki, K., K. Masumoto and K. Miyazaki, Melt growth of CdTe single crystals with controlled deviation from stoichiometry	6 (1988) 119
Mostafa, M.S. and A.J. Ardell, The formation of Pd ₈ Mo in proton-irradiated Pd-Mo solid solutions	6 (1987) 67
Moutonnet, D., Photochemical pattern on p-type GaAs	6 (1987) 34
Moutonnet, D., Preferential photoelectrochemical etching in n-InP	6 (1988) 183
Moutonnet, D., Surface orientation effect on photoelectrochemical etching in n-type InP	6 (1988) 433
Moya, J.S., see E. Saiz	6 (1988) 369
Nagabuchi, H., see A. Yamada	6 (1988) 167
Nakahara, S., see M.F. Yan	6 (1988) 101
Nakayama, Y., see T. Ito	6 (1987) 41
Narain, S., see N.-L. Wu	6 (1988) 321
Neurgaonkar, R.R., J.R. Oliver and L.E. Cross, LPE growth of ferroelectric tungsten bronze Sr ₂ KNb ₅ O ₁₅ thin films	6 (1988) 152
Newnham, R.E., see M. Fukuhara	6 (1988) 398
Nicolet, M.-A., see C.W. Nieh	6 (1988) 177
Nieh, C.W., E. Kolawa, F.C.T. So and M.-A. Nicolet, Microstructure of RuO ₂ layer as diffusion barrier between Al and Si substrate	6 (1988) 177
Nishida, N., see T. Ito	6 (1987) 41
Noda, S., see M. Kohzaki	6 (1987) 64
Oasa, M., see A. Yamada	6 (1988) 167
Oesterreicher, H., see M.G. Smith	6 (1988) 208
Oesterreicher, H. and B.E. Higgins, Superconductivity in Bi-Cu-Sr-Ca-O	6 (1988) 254
Oliver, J.R., see R.R. Neurgaonkar	6 (1988) 152
Osaka, A., see H. Yoshimatsu	6 (1987) 22
Osaka, A., Y. Toho, M. Asada and Y. Miura, Precipitation of calcium apatite from borosiluminophosphate glass	6 (1988) 347
Panson, A.J., see G.R. Wagner	6 (1988) 390
Pantchev, B., see P. Danesh	6 (1987) 89
Park, J.-H. and P. Kostic, Conduction mechanisms and phase transformations in YBa ₂ Cu ₃ O _y (6.1 < y < 7.0)	6 (1988) 327
Park, J.-H., P. Kostic and J.P. Singh, Electrical conductivity and chemical diffusion in sintered YBa ₂ Cu ₃ O _y	6 (1988) 393
Parker, J.M., see Y. Fuyu	6 (1988) 233
Patil, K.C., see J.J. Kingsley	6 (1988) 427
Payne, D.A., see L.M. Falter	6 (1988) 438
Pelletier, S., see C. Gelinas	6 (1988) 359

Pelosi, C., see J. Vidal	6 (1988) 306
Pennycook, S.J., see R.B. Benson Jr.	6 (1988) 93
Phatak, G.M., see I.K. Gopalakrishnan	6 (1988) 274
Plyatsko, S.V., F.F. Sizov and S.D. Darchuk, Photoinduced electric properties of $\text{Pb}_{1-x}\text{Sn}_x\text{Te}$ single crystals	6 (1988) 116
Portier, J., see J. Liu	6 (1988) 303
Powell, B.E. and J.H. Davis, Cleavage crystals of InBi	6 (1988) 356
Procopenco, V.T., see A. Jaskow	6 (1987) 82
Prokes, S., see W. Tseng	6 (1988) 281
Qi, H.B., see A.Q. He	6 (1988) 96
Qian, X.R. and Y.T. Chou, Boron-induced softening in polycrystalline stoichiometric Ni_3Al alloys	6 (1988) 157
Radhakrishnan, T.S., see K. Swaminathan	6 (1988) 261
Radhakrishnan, T.S., see K. Swaminathan	6 (1988) 265
Radhakrishnan, T.S., see U. De	6 (1988) 331
Raghunathan, V.S., see U. De	6 (1988) 331
Rakhshani, A.E. and F.K. Barakat, Optical constants of reactively sputtered cupric oxide films	6 (1987) 37
Ramasamy, S., see Z. Li	6 (1988) 195
Rao, C.V.N., see U. De	6 (1988) 331
Rao, G.V.N., see K. Swaminathan	6 (1988) 261
Rao, G.V.N., see K. Swaminathan	6 (1988) 265
Ravindran, P.V., see I.K. Gopalakrishnan	6 (1988) 274
Risbud, S.H., see J.P. Fletcher	6 (1988) 145
Rödel, J. and A.M. Glaeser, A technique for investigating the elimination and coarsening of model pore arrays	6 (1988) 351
Rodriguez-Izquierdo, J.M., see S. Bernal	6 (1987) 71
Roy, R., see M. Fukuhara	6 (1988) 398
Roy, T. and T.E. Mitchell, On the space group of $\text{La}_2\text{CuO}_{4-\delta}$	6 (1988) 336
Roy, U.N. and S. Basu, Etch pit density variation and electrical properties of GaSb single crystals grown by the Bridgman method	6 (1988) 238
Ruckenstein, E., see N.-L. Wu	6 (1988) 211
Ruckenstein, E., see N.-L. Wu	6 (1988) 321
Rzhanov, A.E., V.I. Filippov, V.A. Chaplanov and S.S. Yakimov, An investigation of the hydrogenated Si-SiO ₂ interface by X-ray diffraction	6 (1988) 170
Sahoo, P. and T. DebRoy, Effect of low-pressure argon plasma on metal vaporization rates	6 (1988) 406
Saiz, E. and J.S. Moya, The rate of oxygen gain in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ exposed to air	6 (1988) 369
Sastry, P.V.P.S.S., see I.K. Gopalakrishnan	6 (1988) 274
Schlup, J.R., see C.N. Christodoulou	6 (1988) 287
Setter, N., see S.K. Kurtz	6 (1988) 317
Seuret, D., see O. Vigil	6 (1987) 85
Seuret, D., see J. Vidal	6 (1988) 306
Shah, S.I. and P.F. Carcia, Growth of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ thin films by ion beam sputtering	6 (1987) 49
Sharma, S., see C. Jagadish	6 (1988) 149

- Shaw, W.J.D., Gas evolution and analysis from mechanically alloyed IN-9021 6 (1987) 75
- Shi, D., D.W. Capone II, G.T. Goudey, J.P. Singh, N.J. Zaluzec and K.C. Goretta, Sintering of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ compacts 6 (1988) 217
- Shishodia, P.K., see C. Jagadish 6 (1988) 149
- Siegel, R.W., see Z. Li 6 (1988) 195
- Siegel, R.W., see Z. Li 6 (1988) 342
- Siegrist, T., see M.F. Yan 6 (1988) 101
- Singh, J.P., see D. Shi 6 (1988) 217
- Singh, J.P., see J.-H. Park 6 (1988) 393
- Sizov, F.F., see S.V. Plyatsko 6 (1988) 116
- Smith, M.G., A. Fartash, J. Zhang and H. Oesterreicher, Simple cubic perovskites as components in $\text{R}_{1-y}\text{Na}_y\text{Ba}_2\text{Cu}_3\text{O}_x$ ($\text{R}=\text{Ce}, \text{Pr}, \text{Tb}$) 6 (1988) 208
- Smith, R.D., see D.W. Matson 6 (1987) 31
- Smyth, D.M., see E.K. Chang 6 (1988) 251
- So, F.C.T., see C.W. Nieh 6 (1988) 177
- Song, X., see S. Wen 6 (1988) 385
- Sreedharan, O.M., see K. Swaminathan 6 (1988) 261
- Sreedharan, O.M., see K. Swaminathan 6 (1988) 265
- Stadelmaier, H.H., F.J. Cadieu and N.C. Liu, Fe-Ti-rare-earth compounds with the tetragonal Mn_{12}Th structure type 6 (1987) 80
- Su, B.R., see Y.C. Lu 6 (1988) 229
- Suleman, M., see S. Din 6 (1988) 129
- Sun, W.Y., F.Y. Wu and D.S. Yan (T.S. Yen), Studies of the formation of α' and $\alpha'-\beta$: sialon 6 (1987) 11
- Swaminathan, K., J. Janaki, G.V.N. Rao, O.M. Sreedharan and T.S. Radhakrishnan, Thermal stability of superconducting $\text{YBa}_2\text{Cu}_3\text{O}_{9-x}$ in different environments 6 (1988) 261
- Swaminathan, K., J. Janaki, G.V.N. Rao, O.M. Sreedharan and T.S. Radhakrishnan, Thermogravimetric study of superconducting $\text{YBa}_2\text{Cu}_3\text{O}_{9-x}$ in hydrogen 6 (1988) 265
- Talvacchio, J., see G.R. Wagner 6 (1988) 390
- Tanguy, B., see J. Liu 6 (1988) 303
- Tarascon, J.M., see E.M. Vogel 6 (1988) 269
- Toho, Y., see A. Osaka 6 (1988) 347
- Traverse, A., see M.G. le Boité 6 (1988) 173
- Tripathi, K.N., see C. Jagadish 6 (1988) 149
- Tseng, W., S. Prokes, B. Wilkins, M. Fatemi and A. Christou, Etch pit patterns of misfit dislocations in AlGaAs/GaAs heterostructures 6 (1988) 281
- Tsubakino, H., see K. Yamakawa 6 (1988) 362
- Twigg, M.E., S.N.G. Chu, D.C. Joy, D.M. Maher, A.T. Macrander and A.K. Chin, Lattice parameter measurement of sub-micron device structures in compound semiconductors via convergent-beam electron diffraction 6 (1987) 5
- Usmar, S.G. and K.G. Lynn, A study of vacancy-type defects in pure and boron-doped Ni_3Al alloys 6 (1988) 242
- Usuda, K. and S. Yasuami, Composition and carbon effects on uniformity for implanted active layers fabricated in undoped LEC GaAs 6 (1988) 164

Vance, E.R., see F.G. Karioris	6 (1987) 16
Vidal, J., D. Seuret, F. Leccabue and C. Pelosi, Sintered quaternary and pentenary chalcopyrite solid solutions for solar cell applications	6 (1988) 306
Vigil, O., D. Seuret, F. Leccabue and L. Hernandez, Sintered p-CuInSe ₂ /n-CdS photovoltaic heterojunction	6 (1987) 85
Vlakhov, E.S., K.A. Gesheva and V.T. Kovachev, Superconducting properties of CVD tantalum films	6 (1987) 58
Vogel, E.M., G.W. Hull and J.M. Tarascon, Oxygen stoichiometry in high superconducting critical temperature perovskites by thermogravimetry	6 (1988) 269
Wagner, G.R., J. Talvacchio and A.J. Panson, Critical currents of 85 K Bi-Sr-Ca-Cu-O	6 (1988) 390
Wakefield, B., see B.J. Ainslie	6 (1988) 139
Wang, L.-Q., see N.-L. Wu	6 (1988) 211
Wang, P.W., Y. Zhang and J.W. Corbett, Orientation dependence of oxygen thermal donors in silicon under stress	6 (1987) 1
Wang, W.L., J.J. Zhang and K.J. Liao, Effect of annealing temperature on hydrogen content in a-Si:H/a-SiN _x :H multilayer films	6 (1987) 45
Wang, Z.L., REM and REELS characterization of MgO (100) surfaces. A technique for studying the cleaving mechanisms and reactions of crystal surfaces	6 (1988) 105
Wang, Z.L., Beam-induced composition changes in "melted" GaAs	6 (1988) 112
Weiss, B.L., see A.C. Wismayer	6 (1988) 284
Wen, S., X. Song and J. Feng, Some microstructure features in RBa ₂ Cu ₃ O _{7-x} ceramics	6 (1988) 385
Whiffin, P.A.C., see P. Capper	6 (1988) 365
White, C.W., see J.C. McCallum	6 (1988) 374
Wilkins, B., see W. Tseng	6 (1988) 281
Wismayer, A.C. and B.L. Weiss, The etching of Ga _{0.7} Al _{0.3} As using KI-I ₂	6 (1988) 284
Withrow, S.P., see R.B. Benson Jr.	6 (1988) 93
Wolfenden, A., see S.J. Harbert	6 (1987) 62
Wu, F.Y., see W.Y. Sun	6 (1987) 11
Wu, J., P. Mo and Y. Zou, Redistribution of EL2 in undoped semi-insulating GaAs during annealing under arsenic overpressure	6 (1988) 161
Wu, N.-L., E. Ruckenstein, L.-Q. Wang and P. Mattocks, The effects of alkali impurities on the superconductivity and powder characteristics of YBa ₂ Cu ₃ O ₇	6 (1988) 211
Wu, N.-L., S. Narain and E. Ruckenstein, Purity improvement of the high-temperature superconducting powders by sedimentation	6 (1988) 321
Wu, T., see J. Huang	6 (1988) 222
Xie, X., see J. Huang	6 (1988) 222
Xu, Y., see Z. Yang	6 (1987) 19
Yabuki, T., see H. Yoshimatsu	6 (1987) 22
Yadava, Y.P., High-temperature electrical transport properties of manganese telluride	6 (1988) 297
Yakhmi, J.V., see I.K. Gopalakrishnan	6 (1988) 274
Yakimov, S.S., see A.E. Rzhzanov	6 (1988) 170
Yamada, A., M. Oasa, H. Nagabuchi and M. Kawashima, Direct adhesion of single-crystal GaAs wafers	6 (1988) 167

Yamakawa, K., H. Tsubakino, K. Akiyoshi, H. Inoue and K. Yoshimoto, On the structure of Ni-S electrodeposits produced by direct current and pulse current methods	6 (1988) 362
Yan, M.F., S. Nakahara and T. Siegrist, X-ray and electron powder diffraction data for Y_2BaCuO_5	6 (1988) 101
Yan (T.S. Yen), D.S., see W.Y. Sun	6 (1987) 11
Yang, M., see J. Zhang	6 (1988) 379
Yang, Z., J. Zhu and Y. Xu, Ferroelectricity in the Y-Ba-Cu-O compounds	6 (1987) 19
Yang, Z.J., see A.Q. He	6 (1988) 96
Yasuami, S., see K. Usuda	6 (1988) 164
Yoo, K.C., Climb of dislocation spirals and loops during room-temperature oxidation of zinc crystals	6 (1988) 202
York, P.K., see G.E. Fernández	6 (1988) 409
Yoshimatsu, H., A. Osaka, H. Kawasaki and T. Yabuki, Injection molding of ceramics using super-absorbent polymer and water as the binder	6 (1987) 22
Yoshimoto, K., see K. Yamakawa	6 (1988) 362
Yu, H.F., see A.Q. He	6 (1988) 96
Zaluzec, N.J., see D. Shi	6 (1988) 217
Zhang, J., see M.G. Smith	6 (1988) 208
Zhang, J., see J. Huang	6 (1988) 222
Zhang, J., see J. Zhou	6 (1988) 247
Zhang, J., M. Yang and T. Chen, Oxygen diffusion in tetragonal $Y_1Ba_2Cu_3O_{7-x}$ crystals	6 (1988) 379
Zhang, J.J., see W.L. Wang	6 (1987) 45
Zhang, Y., see P.W. Wang	6 (1987) 1
Zhou, J., L. Li, M. Liu, B. Lu and J. Zhang, An exploration on the nature of hole traps A and B in LPE n-type GaAs	6 (1988) 247
Zhu, J., see Z. Yang	6 (1987) 19
Zhu, N.P., see A.Q. He	6 (1988) 96
Zou, Y., see J. Wu	6 (1988) 161

